

Web Programming and Development Courses

Award: Associate of Applied Science (AAS)

Required number of credits: 61

Program Start: Fall

2019–2020 Suggested Sequence of Study



The following suggested sequence of study is for new full-time students starting the program in the academic year listed.



When registering for classes refer to your Academic Evaluation to see your specific program requirements and ensure proper registration.



Courses are subject to change.

LEGEND

- ◆ General education course.
- ▣ Non-transfer general education course.
- ▶ Course has a prerequisite and/or corequisite.
- Course meets 100% online.
- E Course meets face-to-face after 5:00pm.

Semester 1

CIS-121	Introduction to Programming Logic	3	▣
CIS-355	Database Design and Management	4	
COM-781	Written Communication in the Workplace ▶ -OR-	3	▣
ENG-105	Composition I ▶	OE 3	◆
MAT-110	Math for Liberal Arts ▶ -OR-	OE 3	◆
MAT-121	College Algebra ▶ -OR-	4	◆
MAT-128	Precalculus ▶ -OR-	4	◆
	<u>Math Elective</u>	3	
WDV-102	Introduction to Web Development	3	
		Total Credits 16	

Semester 2

Total Credits 15

Semester 2

CIS-215	Server Side Web Programming ▶		3
CIS-231	PHP Programming ▶		3
CIS-504	Structured Systems Analysis		3
SPC-101	Fundamentals of Oral Communication	OE	3 ◆
	<u>Elective</u>		3
			Total Credits 15

Semester 3

CIS-217	Data Driven Web Page ▶		3
CIS-225	Advanced Server Side Web Programming ▶		3
PSY-102	Human and Work Relations -OR-		3 □
PSY-111	Introduction to Psychology -OR-	OE	3 ◆
SOC-110	Introduction to Sociology	OE	3 ◆
WDV-600	Project Development ▶		3
	<u>Elective</u>		3
			Total Credits 15

Semester 4

CIS-184	Programming Algorithms ▶		3
CIS-206	Web Scripting ▶		3
WDV-800	Portfolio ▶		3
WDV-930	Internship ▶		3
	<u>Elective</u>		3
			Total Credits 15

Electives

CIS-234	Web Site Administration ▶		3
CIS-249	Web Languages ▶		3
CIS-274	E-Commerce Design ▶		3
CIS-364	Game Development I		3
MGT-110	Small Business Management		3
NET-109	A+ Certification Prep Course		4
WDV-105	Web Layouts		3
WDV-300	Advanced Topics in Web Development ▶		3

Math Electives

MAT-134	Trigonometry and Analytic Geometry ▶		3 ◆
MAT-156	Statistics ▶	OE	3 ◆

Math Electives

MAT-210 Calculus I ▶	4	◆
MAT-216 Calculus II ▶	4	◆
MAT-219 Calculus III ▶	4	◆